

Figure 1

10 30 50
 CGACCCACGCGTCCGCCACGCGTCCGGAGAACCTTTGCACGCGCACAACTACGGGGAC
 70 90 110
 GATTTCGTATTGATTTTGGCGCTTTCGATCCACCCTCCTCCCTTCTCATGGGACTTTGG
 M G L W
 130 150 170
 GGACAAAGCGTCCCGACCGCTCGAGCGCTCGAGCAGGGCGCTATCCAGGAGCCAGGACA
 G O S V P T A S S A R A G R Y P G A R T
 190 210 230
 GCGTCGGGAACCAGACCATGGCTCCTGGACCCCAAGATCCTTAAGTTCGTCTTTCATC
 A S G T R P W L L D P K I L K F V V F I
 250 270 290
 GTCGCGGTTCTGCTGCCGGTCCGGGTTGACTCTGCCACCATCCCCCGGCAGGACGAAGTT
 V A V L L P V R V D S A T I P R Q D E V
 310 330 350
 CCCCAGCAGACAGTGGCCCCACAGCAACAGAGGCGCAGCCTCAAGGAGGAGGAGTGTCCA
 P Q Q T V A P Q Q Q R R S L K E E E C P
 370 390 410
 GCAGGATCTCATAGATCAGAATATACTGGAGCCTGTAACCCGTGCACAGAGGGTGTGGAT
 A G S H R S E Y T G A C N P C T E G V D
 430 450 470
 TACACCATTGCTTCCAACAATTGCTTCTTGCTGCTATGTACAGTTTGTAAATCAGGT
 Y T I A S N N L P S C L L C T V C K S G
 490 510 530
 CAAACAAATAAAAGTTCTGTACCACGACCAGAGACACCGTGTGTCAGTGTGAAAAAGGA
 Q T N K S S C T T T R D T V C Q C E K G
 550 570 590
 AGCTTCCAGGATAAAAACTCCCTGAGATGTGCCGGACGTGTAGAACAGGGTGTCCGAGA
 S F Q D K N S P E M C R T C R T G C P R
 610 630 650
 GGGATGGTCAAGGTCAAGTAAATGTACGCCCCGGAGTGACATCAAGTGCAAAATGAATCA
 G M V K V S N C T P R S D I K C K N E S
 670 690 710
 GCTGCCAGTTCCACTGGGAAAACCCAGCAGCGGAGGAGACAGTGACCACCATCCTGGGG
 A A S S T G K T P A A E E T V T T I L G
 730 750 770
 ATGCTTGCTCTCCCTATCACTACCTTATCATCATAGTGGTTTTAGTCATCTTTAGCT
 M L A S P Y H Y L I I I V V L V I I L A
 790 810 830
 GTGGTTGTGGTTGGCTTTTCATGTCCGAAGAAATTCATTTCTTACCTCAAAGGCATCTGC
 V V V V G F S C R K K F I S Y L K G I C
 850 870 890
 TCAGGTGGTGGAGGAGGTCCCGAACGTGTGCACAGAGTCCTTTTCCGCGGCGTTCATGT
 S G G G G G P E R V H R V L F R R R S C
 910 930 950
 CCTTCACGAGTTCCTGGGGCGGAGGACAATGCCCGCAACGAGACCCTGAGTAACAGATAC
 P S R V P G A E D N A R N E T L S N R Y

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Figure 1 (continued)

970 990 1010
 TTGCAGCCACCCAGGTCTCTGAGCAGGAAATCCAAGGTCAGGAGCTGGCAGAGCTAACA
 L Q P T Q V S E Q E I Q G Q E L A E L T
 1030 1050 1070
 GGTGTGACTGTAGAGTCGCCAGAGGAGCCACAGCGTCTGCTGGAACAGGCAGAAGCTGAA
 G V T V E S P E E P Q R L L E Q A E A E
 1090 1110 1130
 GGGTGTGAGGAGGAGGCTGCTGGTTCAGTGAATGACGCTGACTCCGCTGACATCAGC
 G C Q R R R L L V P V N D A D S A D I S
 1150 1170 1190
 ACCTTGCTGGATGCCTCGGCAACACTGGAAGAAGGACATGCAAAGGAAACAATTCAGGAC
 T L L D A S A T L E E G H A K E T I Q D
 1210 1230 1250
 CAACTGGTGGGCTCCGAAAAGCTCTTTTATGAAGAAGATGAGGCAGGCTCTGCTACGTCC
 Q L V G S E K L F Y E E D E A G S A T S
 1270 1290 1310
 TGCCTGTGAAAGAATCTCTTCAGGAAACCAGAGCTTCCCTCATTTACCTTTTCTCCTACA
 C L *
 1330 1350 1370
 AAGGGAAGCAGCCTGGAAGAAACAGTCCAGTACTTGACCCATGCCCAACAACTCTACT
 1390 1410 1430
 ATCCAATATGGGGCAGCTTACCAATGGTCTCTAGAACTTTGTTAACGCACTTGGAGTAATT
 1450 1470 1490
 TTTATGAAATACTGCGTGTGATAAGCAAACGGGAGAAATTTATATCAGATTCTTGGCTGC
 1510 1530 1550
 ATAGTTATACGATTGTGTATTAAGGGTCGTTTTAGGCCACATGCGGTGGCTCATGCCTGT
 1570 1590 1610
 AATCCAGCACTTTGATAGGCTGAGGCAGGTGGATTGCTTTGAGCTCGGAGTTTGAGAC
 1630 1650 1670
 CAGCCTCATCAACACAGTGAAGTCCATCTCAATTTAAAAAGAAAAAAGTGGTTTTAG
 1690 1710 1730
 GATGTCATTCTTTGCAGTTCTTCATCATGAGACAAGTCTTTTTTCTGCTTCTTATATTG
 1750 1770 1790
 CAAGCTCCATCTCTACTGGTGTGTGCATTTAATGACATCTAACTACAGATGCCGCACAGC
 1810 1830 1850
 CACAATGCTTTGCTTATAGTTTTTTAACTTTAGAACGGGATTATCTTGTTATTACCTGT
 1870 1890 1910
 ATTTTCAGTTTCGATATTTTTGACTTAATGATGAGATTATCAAGACGTAGCCCTATGCT
 1930 1950 1970
 AAGTCATGAGCATATGGACTTACGAGGGTTCGACTTAGAGTTTGGAGCTTTAAGATAGGA
 1990 2010 2030
 TTATTGGGGCTTACCCCACTTAATTAGAGAAACATTTATATTGCTTACTACTGTAGGC
 2050 2070 2090
 TGTACATCTCTTTTCCGATTTTTGTATAATGATGTAAACATGGAAAACTTTAGGAAATG
 2110 2130 2150
 CACTTATTAGGCTGTTTACATGGGTTCCTGGATACAAATCAGCAGTCAAAAATGACTAA
 2170 2190 2210
 AAATATAACTAGTGACGGAGGGAGAAATCCTCCCTCTGTGGGAGGCACTTACTGCATTC

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Figure 1 (continued)

2230 2250 2270
AGTTCCTCCCTCCTGCGCCCTGAGACTGGACCAGGGTTTGATGGCTGGCAGCTTCTCAAGG
2290 2310 2330
GGCAGCTTGTCTTACTTGTAAATTTTAGAGGTATATAGCCATATTTATTATAAATAAAT
2350 2370 2390
ATTTATTTATTTATTTATAAGTAGATGTTTACATATGCCCAGGATTTTGAAGAGCCTGGT
2410 2430 2450
ATCTTTGGGAAGCCATGTGTCTGTTTGTCTGCTGGGACAGTCATGGGACTGCATCTTC
2470 2490 2510
CGACTTGTCCACAGCAGATGAGGACAGTGAGAATTAAGTTAGATCCGAGACTGCGAAGAG
2530 2550 2570
CTTCTCTTTCAAGCGCCATTACAGTTGAACGTTAGTGAATCTTGAGCCTCATTTGGGCTC
2590 2610 2630
AGGGCAGAGCAGGTGTTTATCTGCCCCGGCATCTGCCATGGCATCAAGAGGGAAGAGTGG
2650 2670 2690
ACGGTGTCTGGGAATGGTGTGAAATGGTTGCCGACTCAGGCATGGATGGGCCCCCTCTCGC
2710 2730 2750
TTCTGGTGGTCTGTGAACTGAGTCCCTGGGATGCCTTTTAGGGCAGAGATTCTTGAGCTG
2770 2790 2810
CGTTTTAGGGTACAGATTCCCTGTTTGAAGAGCTTGGCCCCCTCTGTAAGCATCTGACTCA
2830 2850 2870
TCTCAGAGATATCAATTCTTAAACACTGTGACAACGGGATCTAAAATGGCTGACACATTT
2890 2910 2930
GTCCTTGTGTACAGTTCATTATTTTATTTAAAAACCTCAGTAATCGTTTATAGCTTCTTT
2950 2970 2990
CCAGCAAACCTCTTCTCCACAGTAGCCAGTCGTGGTAGGATAAATTACGGATATAGTCAT
3010 3030 3050
TCTAGGGGTTTCAGTCTTTTCCATCTCAAGGCATTGTGTGTTTTGTTCGGGACTGGTTT
3070 3090 3110
GGCTGGGACAAAGTTAGAACTGCCTGAAGTTCGCACATTTCAGATTGTTGTGTCCATGGAG
3130 3150 3170
TTTTAGGAGGGGATGGCCTTTCCGGTCTTCGCACCTTCATCCTCTCCCCACTTCCCATCT
3190 3210 3230
GGCGTCCACACCTTGTCCCCCTGCACTTCTGGATGACCAGGGTGTGCTGCCTCCTAGT
3250 3270 3290
CTTTGCCTTTTGTCTGGCCTTCTGTGCAGGAGACTTGGTCTCAAAGCTCAGAGAGAGCCAG
3310 3330 3350
TCCGGTCCCAGCTCCTTTGTCCCTTCCTCAGAGGCCTTCCTTGAAGATGCATCTAGACTA
3370 3390 3410
CCAGCCTTATCAGTGTTTAAGCTTATTCCTTTAACATAAGCTTCCTGACAACATGAAATT
3430 3450 3470
GTTGGGGTTTTTTGGCGTTTGTGTGATTTGTTTAGGTTTTGCTTTATACCCGGGCCAAATA
3490 3510 3530
GCACATAACACCTGGTTATATATGAAATACTCATATGTTTATGACCAAAATAAATATGAA
3550
ACCTCAAAAAAAAAAAAAAAAAAAAA

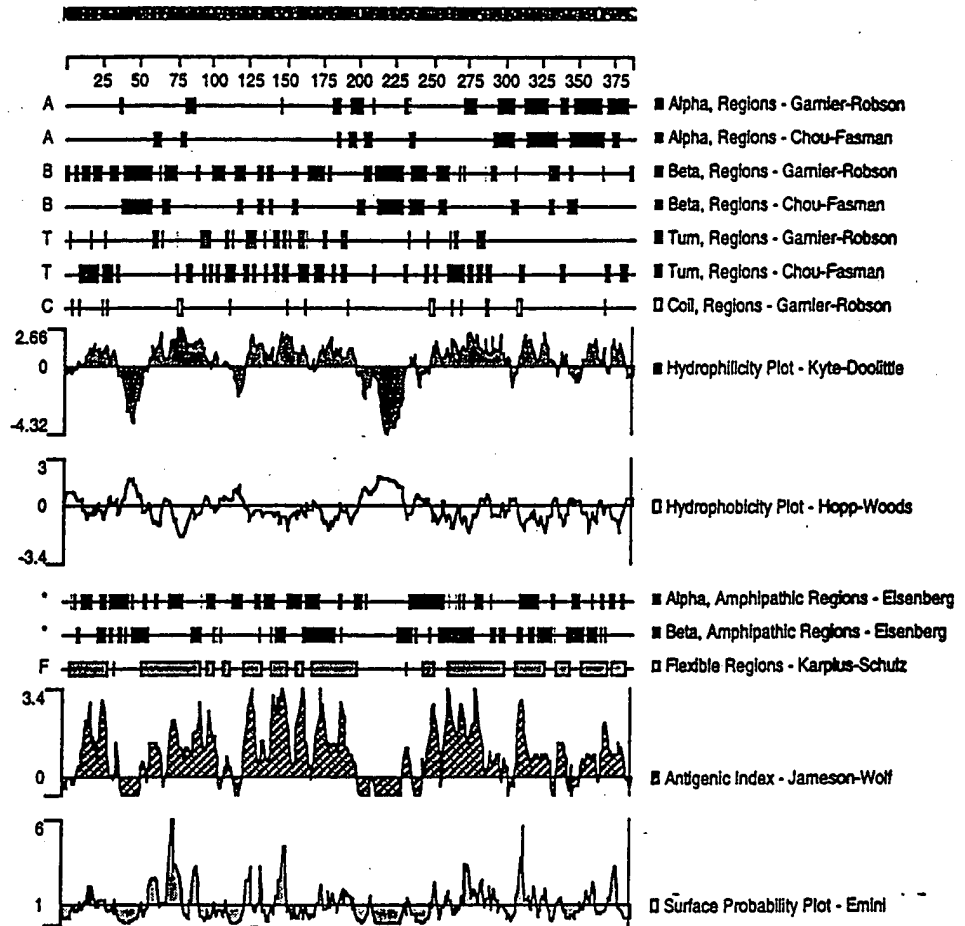
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[illegible]

Decoration 'Decoration #1': Shade (with solid black) residues that match the Consensus exactly.

Figure 3



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